RAW SEQUENCE LISTING PATENT APPLICATION US/08/676,125

DATE: 05/05/97 TIME: 15:24:16

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This Raw Listing contains the General Information Section and up to the first 5 pages.

	1			SEQUENCE LISTING	VTE
	2 3	(1) G	anara	l Information:	
	4	(1)	chera	I Información.	'
	5 6 7	(i)	APPL	ICANT: MARKLAND, William LADNER, Robert Charles	
	8	(11)	ጥፐጥፐ.	E OF INVENTION: KALLIKREIN-INHIBITING "KUNITZ D	יימדגאס
	9	(11)		ROTEINS AND ANALOGUES THEREOF	· Olariza
	. 10				
	11	(iii)	NUMB	ER OF SEQUENCES: 69	
	12				
	13	(iv)		ESPONDENCE ADDRESS:	
	14		٠,	ADDRESSEE: Browdy and Neimark	
	15			STREET: 419 Seventh Street N.W., Ste. 300	
	16		, ,	CITY: Washington	
	17		٠,,	STATE: D.C.	
	18			COUNTRY: United States of America	
	19		(F)	ZIP: 20004	
	20				
	21	(V)		UTER READABLE FORM:	
	22			MEDIUM TYPE: Floppy disk	
	23			COMPUTER: IBM PC compatible	
	24			OPERATING SYSTEM: PC-DOS/MS-DOS	
	25		(D)	SOFTWARE: PatentIn Release #1.0, Version #1.30	
	26				
	27	(V1)		ENT APPLICATION DATA:	
>	J.= _J			APPLICATION NUMBER: US	
	29		, ,	FILING DATE:	
	30		(C)	CLASSIFICATION:	*
	31	4. 11.			
	32	(V11)		R APPLICATION DATA:	
	33			APPLICATION NUMBER: PCT/US95/00299	
	34		(B)	FILING DATE: 11-JAN-1995	
	35		DDTO	D ADDITARMION DAMA.	
	36 27	(711)		R APPLICATION DATA:	
	37			APPLICATION NUMBER: US 08/179,964	
	38 39		(B)	FILING DATE: 11-JAN-1994	' 7
		/ 	DDTO	D ADDITARMION DAMA.	
	40	(^ T T)		R APPLICATION DATA:	•
	41 42			APPLICATION NUMBER: US 08/208,264	
	42		(D)	FILING DATE: 10-MAR-1994	4
	43	(57 1 1 1 1	አ ጥጥ ላ	RNEY/AGENT INFORMATION:	
	45	(^ T T T)		NAME: COOPER, Iver P.	•
	45			REGISTRATION NUMBER: 28,005	
	40		(0)	REGISTRATION NOMBER: 20,005	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/676,125

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47
               (C) REFERENCE/DOCKET NUMBER: MARKLAND=1B
48
49
         (ix) TELECOMMUNICATION INFORMATION:
50
               (A) TELEPHONE: (202) 628-5197
               (B) TELEFAX: (202) 737-3528
51
52
53
54
       (2) INFORMATION FOR SEQ ID NO:1:
55
56
        (i) SEQUENCE CHARACTERISTICS:
57
              (A) LENGTH:8 amino acids
58
              (B) TYPE: amino acid
59
              (C) STRANDEDNESS: single
60
              (D) TOPOLOGY: linear
61
62
      (ii) MOLECULE TYPE: protein
63
      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
64
65
66
    Ile Val Gly Gly Thr Asn Ser Ser
67
      1
                       5
68
69
     (2) INFORMATION FOR SEQ ID NO:2:
70
71
          (i) SEQUENCE CHARACTERISTICS:
72
              (A) LENGTH:58 amino acids
73
              (B) TYPE: amino acid
74
              (C) STRANDEDNESS: single
75
              (D) TOPOLOGY: linear
76
77
        (ii) MOLECULE TYPE: protein
78
79
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
80
81
    Arg Pro Asp Phe Cys Leu Glu Pro Pro Tyr Thr Gly Pro Cys Lys Ala
82
83
84
    Arg Ile Ile Arg Tyr Phe Tyr Asn Ala Lys Ala Gly Leu Cys Gln Thr
85
                                       25
86
    Phe Val Tyr Gly Gly Cys Arg Ala Lys Arg Asn Asn Phe Lys Ser Ala
87
88
              35
                                   40
89
90
    Glu Asp Cys Met Arg Thr Cys Gly Gly Ala
91
92
93
    (2) INFORMATION FOR SEQ ID NO:3:
94
95

★(i) SEQUENCE CHARACTERISTICS:

              (A) LENGTH:58 amino acids
96
97
              (B) TYPE: amino acid
98
              (C) STRANDEDNESS: single
99
              (D) TOPOLOGY: linear
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100
101
         (ii) MOLECULE TYPE: protein
102
103
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
104
105
     Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly Pro Cys Lys Ala
106
107
108
     Ile Met Lys Arg Phe Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
109
110
111
     Phe Ile Tyr Gly Gly Cys Glu Gly Asn Gln Asn Arg Phe Glu Ser Leu
112
113
114
     Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
115
116
     (2) INFORMATION FOR SEQ ID NO:4:
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           (i) SEQUENCE CHARACTERISTICS:
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               (B) TYPE: amino acid
120
               (C) STRANDEDNESS: single
121
               (D) TOPOLOGY: linear
122
123
         (ii) MOLECULE TYPE: protein
124
125
126
127
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
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129
     Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp Gly His Cys Lys Ala
130
131
132
     Asn His Gln Arg Phe Phe Phe Asn Ile Phe Thr Arg Gln Cys Glu Glu
133
134
135
     Phe Ser Tyr Gly Gly Cys Gly Asn Gln Asn Arg Phe Glu Ser Leu
136
137
138
     Glu Glu Cys Lys Lys Met Cys Thr Arg Asp
139
          50
140
     (2) INFORMATION FOR SEQ ID NO:5:
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142
           (i) SEQUENCE CHARACTERISTICS:
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               (A) LENGTH:58 amino acids
               (B) TYPE: amino acid
144
145
               (C) STRANDEDNESS: single
146
               (D) TOPOLOGY: limear
147
          (ii) MOLECULE TWPE: protein
148
149
150
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
151
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/676,125

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153	Met	His	Ser	Phe	Cys	Ala	Phe	Lys	Ala	Asp	Asp	Gly	His	Cys	Lys	Ala	
154	1				5					10					15		
155																	
156	Ser	Leu	Pro	Arg	Phe	Phe	Phe	Asn	Ile	Phe	Thr	Arg	Gln	Cys	Glu	Glu	
157				20					25			_		30			
158																	
159	Phe	Ile	Tvr	Glv	Glv	Cys	Glu	Glv	Asn	Gln	Asn	Ara	Phe	Glu	Ser	Leu	
160			35	1	1	-1-		40				5	45				•
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163		50					55										
164																	
165	(2)					SEQ											
166		(i) SEQUENCE CHARACTERISTICS:															
167		(A) LENGTH:58 amino acids															
168		(B) TYPE: amino acid															
169		(C) STRANDEDNESS: single															
170		(D) TOPOLOGY: linear															
171																	
172		(ii)	MOI	ECUI	E T	PE:	prot	ein									
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175		/vi	QF(MAIN	ים אי	ESCRI	רחידו	N. 9	SEO .	א מד	1.6.						
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177		HIS	ser	Pne		Ala	Pne	гÀг	АТА		Asp	GTA	Pro	Cys	_	Ата	
178	1				5					10					15		
179	_	•	_	_				_				_					
180	Asn	His	Leu	_	Phe	Phe	Phe	Asn		Phe	Thr	Arg	Gln	_	Glu	Glu	
181				20					25					30			•
182																	
183	Phe	Ser	Tyr	Gly	Gly	Cys	Gly	Gly	Asn	Gln	Asn	Arg	Phe	Glu	Ser	Leu	
184			35					40					45				
185																	
186	Glu	Glu	Cys	Lys	Lys	Met	Cvs	Thr	Arq	Asp							
187		50	-	-	-		55			-							
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189	(2)	TNFC	יבאמי	מסדי	FOR	SEQ	TD N	JO • 7 •	•								
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198		(xi)	SEÇ	UENC	E DE	ESCRI	PTIC	N: S	SEQ]	D NO	7:					,	
199																	
200	Met	His	Ser	Phe	Cys	Ala	Phe	Lys	Ala	Asp	Asp	Gly	His	Cys	Lys	Ala	
201	1				5			-		10	-	-		-	15		•
202	_				_												-
203	Asn	His	Gln	Ara	Phe	Phe	Phe	Asn	Tle	Phe	Thr	Ara	Gln	Cvs	Glu	Glu	-
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206 207	Phe	Thr	Tyr 35	Gly	Gly	Cys	Gly	Gly 40	Asn	Gln	Asn	Arg	Phe 45	Glu	Ser	Leu	
			33					40					43				
208	~7	~ 7	_	_	_		_	-1	_	_							
209	GIU		cys	Lys	гÀг	мет	-	Thr	Arg	Asp							
210		50					55										
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212	(2)	INF	ORMA'	rion	FOR	SEQ	ID I	8:01	:								
213		(i) SE	QUENC	CE CE	HARA	CTER	ISTIC	cs:								
214			(A) LEI	NGTH:	:58 8	amino	o ac	ids								
215			(B) TYI	PE: a	amino	o ac	id									
216				, STI					le								
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219		/ i i	۱ MOI	LECUI	יים יום	ZDF.	nrot	tain									
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221		4 3				-~			~=~ :								
222		(XI) SE	QUENC	CE DE	SSCR.	TBLT	ON: S	SEQ .	TD NO):8:		•				
223						_			_		_						
224		His	Ser	Phe	Cys	Ala	Phe	Lys	Ala	Asp	Asp	Gly	His	Cys	_	Ala	
225	1				5					10					15		
226																	
227	Asn	His	Gln	Arg	Phe	Phe	Phe	Asn	Ile	Phe	Thr	Arg	Gln	Cys	Glu	Gln	
228				20					25			_		30			
229																	
230	Phe	Thr	Tvr	Gly	Glv	Cvs	Ala	Glv	Asn	Gln	Asn	Ara	Phe	Glu	Ser	Leu	
231			35	1	- -1	0,10		40				9	45				
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236	(2)			rion													
237		(i	-	QUENC													
238			(A) LEI	NGTH	:58 a	amino	ac:	ids								
239			(B) TYI	PE: a	amino	o ac	id				•					
240			(C) STI	RANDE	EDNES	SS: S	sing	le								
241			(D) TOI	POLO	GY: I	linea	ar -									
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248		HIS	ser	Phe		АТа	Pne	ьys	Ата	_	ASP	GIY	HIS	cys		АТА	
249	1				5					10					15		
250																	
251	Ser	Leu	Pro	Arg	Phe	Phe	Phe	Asn	Ile	Phe	Thr	Arg	Gln	Cys	Glu	Glu	
252				20					25					30		•	
253																	
254														•			
255	Phe	Ile	Tvr	Gly	Glv	Cvs	Glv	Glv	Asn	Gln	Asn	Ara	Phe	Glu	Ser	Leu	
256			35	-3	-2	4	-2	40				- 3	45				
257														7			
258	יינט	g1.,	Cuc	Lys	Luc	Mo+	Cuc	ጥኮ~	۵ra	Acn							
250	GIU	GIU	Cys	nys	nys	MEC	cys	1111	мгg	мэþ							

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/08/676,125*

DATE: 05/05/97 TIME: 15:24:34

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Wrong application Serial Number

(A) APPLICATION NUMBER: US